

## INTERNATIONAL SEARCH REPORT

In tional Application No  
PCT/GB2005/001188

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 C07D239/46

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, BEILSTEIN Data, CHEM ABS Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 508 687 A (FISONS PLC) 14 October 1992 (1992-10-14) Example 9 iv)	1-17
X	WO 01/92263 A (ASTRAZENECA AB; LARSSON, ULF; MAGNUSSON, MATTIAS; MUSIL, TIBOR; PALMGR) 6 December 2001 (2001-12-06) cited in the application page 2, line 6 - line 10; claim 4; example 3	1-17

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

° Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

10 October 2005

Date of mailing of the international search report

21.10.2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Seelmann, I

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/GB2005/001188

### Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

### Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

see additional sheet

1. ☒ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☒ No protest accompanied the payment of additional search fees.

**FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210**

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-11,13-15 (all part)

subject-matter relating to process a, using an alcohol as the solvent

---

2. claims: 1-11 ( part), 12, 13-15 (part)

subject-matter relating to process a, using an ether as the solvent

---

3. claims: 1-11,13-15 (all part), 17

subject-matter relating to process a, using an ester as the solvent

---

4. claims: 1-11, 13-15 (all part)

subject-matter relating to process a, using a hydrocarbon as the solvent

---

5. claims: 1-7, 13-15 (all part), 16

subject-matter relating to process b

---

# INTERNATIONAL SEARCH REPORT

Information on patent family members

In International Application No

PCT/GB2005/001188

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0508687	A	14-10-1992	AT 127808 T	15-09-1995
			AU 648885 B2	05-05-1994
			AU 1451992 A	02-11-1992
			CA 2107667 A1	07-10-1992
			CN 1068574 A	03-02-1993
			CN 1120936 A	24-04-1996
			DE 69204717 D1	19-10-1995
			DK 508687 T3	05-02-1996
			EP 0579643 A1	26-01-1994
			ES 2078654 T3	16-12-1995
			FI 934366 A	05-10-1993
			WO 9217488 A1	15-10-1992
			GR 3018307 T3	31-03-1996
			HU 64967 A2	28-03-1994
			HU 9500190 A3	28-11-1995
			IE 921091 A1	07-10-1992
			JP 3141028 B2	05-03-2001
			JP 6505987 T	07-07-1994
			MX 9201577 A1	01-10-1992
			NZ 242243 A	25-06-1993
			PL 297372 A1	06-09-1993
WO 0192263	A	06-12-2001	AU 6287601 A	11-12-2001
			BG 107333 A	31-07-2003
			BR 0111319 A	03-06-2003
			CA 2408914 A1	06-12-2001
			CN 1432017 A	23-07-2003
			CZ 20023919 A3	14-05-2003
			EE 200200669 A	15-06-2004
			EP 1299390 A1	09-04-2003
			HU 0302345 A2	28-11-2003
			JP 2003535093 T	25-11-2003
			MX PA02011793 A	10-04-2003
			NO 20025719 A	03-02-2003
			NZ 522637 A	24-09-2004
			PL 359183 A1	23-08-2004
			SK 16832002 A3	03-06-2003
			US 2003148888 A1	07-08-2003